P8H67-I PRO

Onboard GPU boost plus multiple SATA 6Gb/s for smooth home entertainment on H67

- GPU Boost - Go to the Limit with iGPU Level Up
- MemOK! - Any Memory is A-OK!
- SATA6G / USB 3.0
- UEFI BIOS – Flexible and Easy BIOS Interface
- AI Suite II – One-Stop Access to Innovative ASUS Features

CPU, Chipset and Graphics features

LGA1155 socket for Intel® Second Generation Core™ i7/ Core™ i5/ Core™ i3 Processors

This motherboard supports the latest Intel® second generation Core™ i7/Core™ i5/Core™ i3 processors in the LGA1155 package, with memory and PCI Express controllers integrated to support 2-channel (4 DIMM) DDR3 memory and 16 PCI Express 2.0 lanes. This provides great graphics performance. Intel® second generation Core™ i7/Core™ i5/Core™ i3 processors are among the most powerful and energy efficient CPUs in the world.

Intel® H67 Chipset

The Intel® H67 Express Chipset is the latest single-chipset design to support new socket 1155 Intel® second generation Core™ i7/Core™ i5/Core™ i3 processors. It provides improved performance by utilizing serial point-to-point links, allowing increased bandwidth and stability. Additionally, the H67 provides 2 SATA 6Gb/s and 4 SATA 3Gb/s ports for faster data retrieval at double the bandwidth of current bus systems. Moreover, Intel® H67 Express Chipset also supports iGPU function.

Latest Transfer Technology

Complete USB 3.0 Solution

ASUS facilitates strategic USB 3.0 accessibility for both the front and rear panel - 4 USB 3.0 ports in total. Experience the latest plug & play connectivity at speeds up to 10 times faster than USB 2.0. The P8H67-I PRO affords greater convenience to high speed connectivity.

Native SATA 6Gb/s Support

The Intel® H67 Chipset natively supports next-generation Serial ATA (SATA) storage interface, this motherboard delivers up to 6.0 Gb/s data transfer rates. Additionally, get enhanced scalability, faster data retrieval, double the bandwidth of current bus systems.

ASUS Exclusive Features

MemOK!

Any Memory is A-OK!
MemOK! quickly ensures memory boot compatibility. This remarkable memory rescue tool requires a mere push of a button to patch memory issues. MemOK! determines failsafe settings and dramatically improves system boot success. Get your system up and running in no time!

GPU Boost

Go to the Limit with iGPU Level Up!
GPU Boost accelerates the integrated GPU for extreme graphics performance. The user-friendly interface facilitates flexible frequency adjustments. It easily delivers stable system-level upgrades for every use.

AI Suite II

One-stop Access to Innovative ASUS Features
With its user-friendly interface, ASUS AI Suite II consolidates all exclusive ASUS features into one simple-to-use package. It allows users to supervise overclocking, energy management, fan speed, voltage and sensor readings, even interact with mobile devices via Bluetooth. This all-in-one software offers diverse and easy to use functions, with no need to switch back and forth between different utilities.

ASUS EZ DIY

EFI BIOS (EZ Mode)

Flexible, Easy BIOS Interface
ASUS brand new EFI BIOS offers a user-friendly interface that goes beyond traditional keyboard only BIOS, to enable more flexible and convenient mouse controls. Users can easily navigate the new EFI BIOS with the same smoothness as their operating system. The exclusive EZ Mode displays frequently-accessed setup info, while the Advanced Mode is for experienced performance enthusiasts that demand far more intricate system settings.

ASUS Quiet Thermal Solution

ASUS FanXpert

Active Quiet & Cool
ASUS Fan Xpert intelligently allows users to adjust both the CPU and chassis fan speed according to different ambient temperature , which is caused by different climate conditions in different geographic regions and system loading.Built-in variety of useful profiles offer flexible controls of fan speed to achieve a quiet and cool environment.

ASUS Power Design

ASUS EPU

System Level Energy Efficiency
The ASUS EPU (Energy Processing Unit) provides total system power management by detecting current PC loadings and intelligently moderating power usage for critical PC components in real-time–helping save power and money!

ASUS Anti-Surge Protection

This special design prevents expensive devices and the motherboard from damage caused by power surges from switching power supply(PSU).

Industry Standard

S/PDIF-out on Back I/O Port

This motherboard provides convenient connectivity to external home theater audio systems via optical S/PDIF-out (SONY-PHILIPS Digital Interface) jacks. It allows to transfer digital audio without converting to analog format and keeps the best signal quality.

8 Channel Audio Codec

Enjoy high-end sound system on your PC!
The onboard 8-channel HD audio (High Definition Audio, previously codenamed Azalia) CODEC enables high-quality 192KHz/24-bit audio output, jack-sensing feature, retasking functions and multi-streaming technology.

RoHS

GreenASUS

The motherboard is European Union´s Energy-related Products (ErP) ready, and ErP requires products to meet certain energy efficiency requirements in regards to energy consumptions. This is in line with ASUS vision of creating environment-friendly and energy-efficient products through product design and innovation to reduce carbon footprint of the product and thus mitigate environmental impacts.

Specifications

CPU	Intel® Socket 1155 for 2nd Generation Core™ i7/Core™ i5/Core™ i3 Processors Supports Intel® 32 nm CPU Supports Intel® Turbo Boost Technology 2.0 * The Intel® Turbo Boost Technology 2.0 support depends on the CPU types. * Refer to www.asus.com for CPU support list
Chipset	Intel® H67(B3)
Memory	2 x SO-DIMM, Max. 8GB, DDR3 1333/1066 MHz Non-ECC, Un-buffered Memory Dual Channel Memory Architecture * Refer to www.asus.com or user manual for the Memory QVL (Qualified Vendors Lists).
Graphic	Integrated Graphics Processor Multi-VGA output support : HDMI/DVI/RGB ports - Supports HDMI with max. resolution 1920 x 1200 @ 60 Hz - Supports DVI with max. resolution 1920 x 1200 @ 60 Hz - Supports RGB with max. resolution 2048 x 1530 @ 75 Hz Maximum shared memory of 1748 MB
Expansion Slots	1 x PCIe 2.0 x16

Storage	**Intel® H67(B3) chipset :** 2 x SATA 6Gb/s port(s), gray 2 x SATA 3Gb/s port(s), blue 1 x eSATA 3Gb/s port(s), red Support Raid 0, 1, 5, 10
LAN	Realtek® 8111E , 1 x Gigabit LAN Controller(s)
Audio	Realtek® ALC892 8-Channel High Definition Audio CODEC - Supports : Jack-detection, Front Panel Jack-retasking **Audio Feature :** - Blu-ray audio layer Content Protection - DTS Surround Sensation UltraPC - Optical S/PDIF out port(s) at back panel
USB Ports	**Built-in Controller :** 4 x USB 3.0 port(s) (2 at back panel, blue, 2 at mid-board) **Built-in Controller :** 6 x USB 2.0 port(s) (4 at back panel, black+red, 2 at mid-board)
Special Features	**ASUS EPU :** - EPU **GPU Boost** **ASUS Exclusive Features** : - MemOK! - Anti-Surge - ASUS UEFI BIOS EZ Mode featuring friendly graphics user interface **ASUS EZ DIY :** - ASUS CrashFree BIOS 3 - ASUS EZ Flash 2
Back I/O Ports	1 x PS/2 keyboard/mouse combo port(s) 1 x DVI 1 x D-Sub 1 x HDMI 1 x eSATA 3Gb/s 1 x LAN (RJ45) port(s) 2 x USB 3.0 4 x USB 2.0 1 x Optical S/PDIF out 3 x Audio jack(s)
Internal I/O Ports	1 x USB 3.0 connector(s) support(s) additional 2 USB 3.0 port(s) 1 x USB 2.0 connector(s) support(s) additional 2 USB 2.0 port(s) 2 x SATA 6Gb/s connector(s) 2 x SATA 3Gb/s connector(s) 1 x CPU Fan connector(s) (4 -pin) 1 x Chassis Fan connector(s) (4 -pin) 1 x 24-pin EATX Power connector(s) 1 x 4-pin ATX 12V Power connector(s) 1 x Front panel audio connector(s) (AAFP) 1 x System panel(s) 1 x MemOK! button(s) 1 x GPU Boost switch(es) 1 x Clear CMOS jumper(s)
BIOS	32 Mb Flash ROM , AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI 2.0a
Manageability	WOL by PME,PXE
Support Disc	Drivers Anti-virus software (OEM version) ASUS Update ASUS Utilities
Form Factor	Mini ITX Form Factor 6.75 inch x 6.75 inch (17.1 cm x 17.1 cm)